

200.1138CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Benjamin OSHLACK et al.
Serial No.: To Be Assigned
Filed: Herewith
For: **CONTROLLED RELEASE HYDROCODONE
FORMULATIONS**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Alexandria, VA 22313-1450
Mail Stop: Patent Application

September 11, 2003

Sir:

In accordance with the provisions of 37 C.F.R. § 1.97, Applicants enclose herewith the Information Disclosure Statement and accompanying Form PTO-1449 (14 sheets) submitted in the parent case; U.S. Application Serial No. 10/016,651, on September 25, 2002. Applicants also enclose herewith the Form PTO-1449 (1 sheet) submitted in the Information Disclosure Statement in U.S. Application Serial No. 10/016,651, on March 18, 2003.

Pursuant to 37 CFR 1.98(d), copies of the references of record in the parent application are not enclosed. Copies of the Exhibits to the September 25, 2002 Information Disclosure Statement are also not enclosed as they are of record in the parent application. If it is determined that any of the references or Exhibits are not of record in the parent application, the Examiner is requested to contact the undersigned so that a copy can be forwarded.

It is respectfully requested that the references cited in the accompanying Form PTO-1449 be considered and made of record. It is respectfully submitted that the pending claims are patentable over all of the references made of record at this time.

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The Examiner's attention is also directed to the following copending patent applications and issued U.S. Patents:

U.S. Patent Application Serial No. 10/392,586, filed March 20, 2003, entitled "Orally Administrable Opioid Formulations Having Extended Duration of Effect," which is a continuation of U.S. Application Serial No. 09/891,882, filed June 26, 2001, entitled "Orally Administrable Opioid Formulations Having Extended Duration of Effect," now Patent No. 6,572,885, issued on June 3, 2003, which is a continuation of Serial No. 09/390,719 filed September 7, 1999, entitled "Orally Administrable Opioid Formulations Having Extended Duration of Effect," now U.S. Patent No. 6,294,195, which is a continuation of U.S. Application Serial No. 08/508,246, filed July 27, 1995, now U.S. Patent No. 5,968,551.

U.S. Patent Application Serial No. 10/162,136 filed June 4, 2002, entitled "Methods of Treating Pain by Administering 24 Hour Oral Opioid Formulations Exhibiting Rapid Rate of Initial Rise of Plasma Drug Level", which is a continuation of U.S. Patent Application Serial No. 08/938,898, filed September 26, 1997, entitled "Method of Treating Pain by Administering 24 Hour Oral Opioid Formulations Exhibiting Rapid Rate of Initial Rise of Plasma Drug Level," Abandoned, which is a continuation of Serial No. 08/578,668, filed July 22, 1996, now issued U.S. Patent No. 5,672,360, which is a continuation-in-part of Serial No. 08/156,468 filed November 23, 1993, issued as U.S. Patent No 5,478,577.

U.S. Application Serial No. 09/304,694 filed May 4, 1999, entitled "Methods of Treating Pain by Administering 24 Hour Oral Opioid Formulations Exhibiting Rapid Rate of Initial Rise of Plasma Drug Level" which is a continuation of Serial No. 08/938,898 filed September 26, 1997, entitled "Method of Treating Pain by Administering 24 Hour Oral Opioid Formulations Exhibiting Rapid Rate of Initial Rise of Plasma Drug Level," Abandoned, which is a continuation of Serial No. 08/578,668 filed July 22, 1996, issued as U.S. Patent No. 5,672,360,

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which is a continuation-in-part of Serial No. 08/156,468 filed November 23, 1993, issued as U.S. Patent No 5,478,577.

U.S. Patent Application Serial No. 09/624,530, filed July 24, 2000, entitled "Method of Treating Humans with Opioid Formulations Having Extended Controlled Release," which is a continuation of U.S. Application Serial No. 08/838,368 filed April 8, 1997, now U.S. Patent No. 6,143,322, which is a continuation of U.S. Patent Application Serial No. 08/677,797, filed July 10, 1996, now abandoned, which is a continuation of U.S. Patent Application Serial No. 08/561,829, filed November 27, 1995, now U.S. Patent No. 5,958,459, which is a continuation of U.S. Patent Application Serial No. 08/086,248, filed July 1, 1993, now abandoned.

U.S. Patent Application Serial No. 09/632,718 filed August 4, 2000, entitled "Opioid Formulations Having Extended Controlled Release," which is a continuation of U.S. Application Serial No. 09/225,959, filed January 6, 1999, now U.S. Patent No. 6,103,261, which is a continuation of Serial No. 08/561,829, filed November 27, 1995, now U.S. Patent No. 5,958,459, which is a continuation of U.S. Patent Application Serial No. 08/086,248, filed July 1, 1993, now abandoned.

U.S. Application Serial No. 09/702,283, filed October 30, 2000, entitled "Controlled Release Hydrocodone Formulations", still pending, which claims benefit of U.S. Provisional Patent Application No. 60/162,541, filed October 29, 1999.

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Pursuant to 37 C.F.R. § 1.98 (a)(2)(iii) the Examiner's attention is directed to Exhibit A attached herewith which contains the following:

(i) pending claims of pending application serial no. 10/392,586, which has the same specification as U.S. Patent No. 5,968,551, listed as reference MF on the enclosed Form PTO 1449;

(ii) specifications and claims of pending application serial no and 09/702,283;

(iii) claims of pending application serial nos. 09/304,694 and 10/162,136, which have the same specification as U.S. Patent No. 5,672,360, listed as reference DD on the enclosed Form PTO-1449;

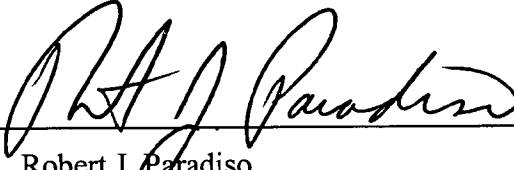
(iv) claims of pending application serial no. 09/624,530, which has the same specification as U.S. Patent No. 5,958,459, listed as reference GC on the enclosed Form PTO 1449;

(v) claims of pending application serial no. 09/632,718, which has the same specification as U.S. Patent No. 6,103,261, listed as reference GD on the enclosed Form PTO 1449.

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No fee is believed to be due for the submission of this Information Disclosure Statement as it is filed under 37 C.F.R. §1.97(b), before the mailing of a first Office Action on the merits or within three (3) months of the actual filing date. The Commissioner is authorized to charge any additional fee or credit any overpayment to our Deposit Account 50-0552.

Respectfully Submitted,
DAVIDSON, DAVIDSON & KAPPEL, LLC

By: 
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Reg. No. 41,240

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(212) 736-1940

200.1138US

UNITED STATES PATENT AND TRADEMARK OFFICE

Re: Application of: Benjamin OSHLACK, et al.
Serial No.: 10/016,651
Filed: October 30, 2001
For: **CONTROLLED RELEASE HYDROCODONE
FORMULATIONS**

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

September 25, 2002

S i r:

In accordance with the provisions of 37 C.F.R. § 1.97(b), applicants hereby make of record the following: Exhibit A, Form PTO-1449 (14 pages) and the references cited therein.

Attached as Exhibit A is the Court of Appeals for the Federal Circuit Decision and Opinion for the litigation involving the Assignee's U.S. Patent No. 5,672,360 (cited as reference MK in the PTO 1449 Form). It is respectfully requested that this attachment be considered and made of record.

Additionally the Examiner's attention is directed to the following copending patent applications:

Serial No. 09/891,882, filed June 26, 2001, entitled "Orally Administrable Opioid Formulations Having Extended Duration of Effect," which is a continuation of Serial No. 09/390,719 filed September 7, 1999, entitled "Orally Administrable Opioid Formulations Having Extended Duration of Effect," which is a continuation of U.S. Application Serial No. 08/508,246, filed July 27, 1995, now U.S. Patent No. 5,968,551.

Serial No. 09/304,694 filed May 4, 1999, entitled "Methods of Treating Pain by Administering 24 Hour Oral Opioid Formulations Exhibiting Rapid Rate of Initial Rise of

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /HS/

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Plasma Drug Level” is a continuation of Serial No. 08/938,898 filed September 26, 1997, entitled “Method of Treating Pain by Administering 24 Hour Oral Opioid Formulations Exhibiting Rapid Rate of Initial Rise of Plasma Drug Level,” which is a continuation of Serial No. 08/578,668 filed July 22, 1996, issued as the 5,672,360 patent, which is a continuation-in-part of Serial No. 08/156,468 filed November 23, 1993, issued as U.S. Patent No 5,478,577.

Serial No. 09/624,530, filed July 24, 2000, entitled “Method of Treating Humans with Opioid Formulations Having Extended Controlled Release,” which is a continuation of U.S. Application Serial No. 08/838,368 filed April 8, 1997, now U.S. Patent No. 6,143,322, which is a continuation of U.S. Patent Application Serial No. 08/677,797, filed July 10, 1996, now abandoned, which is a continuation of U.S. Patent Application Serial No. 08/561,829, filed November 27, 1995, now U.S. Patent No. 5,958,459, which is a continuation of U.S. Patent Application Serial No. 08/086,248, filed July 1, 1993, now abandoned.

Serial No. 09/632,718 filed August 4, 2000, entitled “Opioid Formulations Having Extended Controlled Release,” which is a continuation of U.S. Application Serial No. 09/225,959, filed January 6, 1999, now U.S. Patent No. 6,103,261, which is a continuation of Serial No. 08/561,829 described above.

Serial No. 09/702,283, filed on October 30, 2000, entitled “Controlled Release Hydrocodone Formulations,” still pending, which claims benefit of U.S. Provisional Patent Application No. 60/162,541, filed on October 29, 1999.

It is respectfully requested that Exhibit A, the PTO 1449 Form (14 pages) and references cited therein be considered and made of record.

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No fee is believed to be due for the submission of this Information Disclosure Statement as it is filed under 37 C.F.R. §1.97(b), before the mailing of a first Office Action on the merits or within three (3) months of the actual filing date. The Commissioner is authorized to charge any additional fee or credit any overpayment to our Deposit Account 50-0552.

Respectfully submitted,

DAVIDSON, DAVIDSON & KAPPEL, LLC

By: 

Robert J. Paradiso
Reg. No. 41,240

DAVIDSON, DAVIDSON & KAPPEL, LLC
458 Seventh Avenue, 14th floor
New York, New York 10018
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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO.: 200.1138 US		SERIAL NO.: 10/016,651						
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)						APPLICANT(S): Benjamin OSHLACK, et al.								
						FILING DATE: October 30, 2001		GROUP: 1615						
U.S. PATENT DOCUMENTS														
*EXAMINER INITIAL	AA	3	6	3	4	5	8	4	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	3	6	3	4	5	8	4	01/11/72	Poole	424	21		
	AB	3	8	4	5	7	7	0	11/05/74	Theeuwes, et al.	128	260		
	AC	3	8	7	0	7	9	0	03/11/75	Lowey, et al.	424	19		
	AD	3	9	1	6	8	9	9	11/04/75	Theeuwes, et al.	128	260		
	AE	4	3	7	7	5	6	8	03/22/83	Chopra	424	31		
	AF	4	3	8	5	0	7	8	05/24/83	Onda, et al.	427	3		
	AG	4	3	8	9	3	9	3	06/21/83	Schor, et al.	424	19		
	AH	4	4	8	3	8	4	7	11/20/84	Augart	424	22		
	AI	4	5	2	0	1	7	2	05/28/85	Lehmann, et al.	525	369		
	AJ	4	5	4	8	9	9	0	10/22/85	Mueller, et al.	525	123		
	AK	4	5	5	7	9	2	5	12/10/85	Lindahl, et al.	424	19		
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	AL	0	2	3	5	9	8	6	09/09/87	EPO (A1)	A61K	9/16		
	AM	0	6	6	5	0	1	0	08/02/95	EPO (A1)	A61K	9/26		
	AN	0	2	5	3	1	0	4	01/20/88	EPO (A1)	A61K	9/00		
	AO	0	3	8	8	9	5	4	09/26/90	EPO (A2)	A61K	9/14		
	AP	0	4	1	5	6	9	3	03/06/91	EPO (A1)	A61K	37/02		
	AQ	0	5	3	4	6	2	8	03/31/93	EPO (A1)	A61K	31/485		
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)														
	AR	Abraham Sunshine et al., "Analgesic Oral Efficacy of Tramadol Hydrochloride in Postoperative Pain," <u>Clin. Pharmacol. Ther.</u> , Vol. 51, June 1992, pages 740-746.												
	AS	E.Beubler, "Medikamentöse Schmerztherapie: Kriterien, Möglichkeiten, Risiken," <u>Therapiewoche Österreich</u> , 7,2 (1992), pages 1-15, English translation.												
	AT	Gourlay, et al., "Influence of a High-Fat Meal On The Absorption of Morphine From Oral Solutions," <u>Clin. Pharmacol. Ther.</u> , Vol. 46, October 1989, pages 463-468												
EXAMINER /Humera Sheikh/										DATE CONSIDERED 11/10/2008				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.														

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /HS/

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO.: 200.1138US		SERIAL NO.: 10/016,651										
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U.S. PATENT DOCUMENTS																		
*EXAMINER INITIAL	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
												4 7 2 8 5 1 3	03/01/88	Ventouras	424	461		
												4 7 9 7 4 1 0	01/10/89	El-Fakahany	514	356		
												4 8 0 6 3 3 7	02/21/89	Snipes, et al.	71	65		
												4 8 2 8 8 3 6	05/09/89	Elger, et al.	424	419		
												4 8 3 4 9 8 4	05/30/89	Goldie, et al.	424	488		
												5 0 6 8 1 1 0	11/26/91	Fawzi, et al.	424	461		
												4 8 4 4 9 0 7	07/04/89	Elger, et al.	424	465		
												5 0 1 9 3 9 7	05/28/91	Wong, et al.	424	473		
												4 9 8 3 7 3 0	01/08/91	Domeshek, et al.	536	69		
												5 4 5 6 9 2 3	10/10/95	Nakamichi, et al.	424	489		
												5 4 6 0 8 2 6	10/24/95	Merrill, et al.	424	470		
FOREIGN PATENT DOCUMENTS																		
												DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
																	YES	NO
												0 5 3 5 8 4 1	04/07/93	EPO (A1)	A61K	31/485		
												0 5 4 6 6 7 6	06/16/93	EPO (A1)	A61K	31/60		
												0 5 4 8 4 4 8	06/30/93	EPO (A1)	A61K	9/50		
												0 5 8 0 8 6 0	02/02/94	EPO (A1)	A61K	9/14		
												2 1 7 8 3 1 3	02/11/87	Great Britain (A)	A61K	9/14		
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)																		
	BQ	Geoffrey K. Gourlay, et al. "The Reproducibility of Bioavailability of Oral Morphine from Solution Under Fed and Fasted Conditions," Journal of Pain and Symtoms Management, Vol. 6., No. 7, October 1991, Pages 431-436																
	BR	Robert F. Kaiko, et al., "Controlled-Release Morphine Bioavailability (MS Contin Tablets) in the Presence and Absence of Food," The Hospice Journal, Vol. 6(4) 1990, pages 17-30.																
	BS	Kaiko, et al., "A Single-Dose Study of The Effect of Food Ingestion and Timing of Dose Administration On The Pharmacokinetic Profile of 30-mg Sustained-Release Morphine Sulfate Tablets," <u>Current Therapeutic Research</u> , Vol. 47, No. 5, May 1990, pages 869-878.																
EXAMINER <div style="text-align: center;">/Humera Sheikh/</div>												DATE CONSIDERED <div style="text-align: center;">11/10/2008</div>						
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*EXAMINER INITIAL	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE								
												5 5 0 8 0 4 2	04/16/96	Oshlack, et al.	424	468									
												5 5 4 9 9 1 2	08/27/96	Oshlack, et al.	424	468									
												5 6 0 1 8 4 2	02/11/97	Barholomaeus	424	464									
												5 5 2 0 9 3 1	05/28/96	Persson, et al.	424	473									
												5 1 2 2 3 8 4	06/16/92	Paradissis, et al.	424	451									
												4 8 6 1 5 9 8	08/29/89	Oshlack	424	468									
												5 4 1 1 7 4 5	05/02/95	Oshlack, et al.	424	456									
												5 5 0 0 2 2 7	03/19/96	Oshlack, et al.	424	476									
												5 5 8 0 5 7 8	12/03/96	Oshlack, et al.	424	468									
												5 4 7 2 7 1 2	12/05/95	Oshlack, et al.	424	480									
												5 3 7 8 4 7 4	01/03/95	Morella, et al.	424	469									
FOREIGN PATENT DOCUMENTS																									
												DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION							
																			YES	NO					
												W O	92 0 1 4 4 6	02/06/92	PCT (A1)	A61K	9/50								
												W O	92 0 6 6 7 9	04/30/92	PCT (A1)	A61K	9/16								
												W O	93 0 4 6 7 5	03/18/93	PCT (A1)	A61K	31/16								
												W O	93 1 8 7 5 3	09/30/93	PCT (A1)	A61K	9/16								
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)																									
	CP	Yokokawa N., et al., "Relationship between plasma concentration of morphine and analgesic effectiveness," <u>Postgrad Med J.</u> (1991) 67 (Suppl. 2) pages S50-S54.																							
	CQ	Physicians Desk Reference 1994, 48 th Edition, pages 1821-1824.																							
	CR	D.L. Munday, et al., "Changes in Drug Release Rate 2. Effect of Temperature and Relative Humidity on Polymeric Film Coatings," 5 th Cong. Int. Tech. Pharm., 1989, Vol. 2, pp. 55-60.																							
EXAMINER												/Humera Sheikh/									DATE CONSIDERED		11/10/2008		
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LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)						APPLICANT(S): Benjamin OSHLACK, et al.								
						FILING DATE: October 30, 2001		GROUP: 1615						
U.S. PATENT DOCUMENTS														
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	DA	4	9	7	0	0	7	5	11/13/90	Oshlack	424	451		
	DB	5	6	5	6	2	9	5	08/12/97	Oshlack, et al.	424	468		
	DC	5	6	7	0	1	7	2	09/23/97	Buxton, et al.	424	495		
	DD	5	6	7	2	3	6	0	09/30/97	Sackler, et al.	424	490		
	DE	5	5	9	3	6	9	5	01/14/97	Merrill, et al.	424	480		
	DF	5	6	6	7	8	0	5	09/16/97	Merrill, et al.	424	473		
	DG	4	9	9	0	3	4	1	02/05/91	Goldie, et al.	424	484		
	DH	5	2	7	3	7	6	0	12/28/93	Oshlack, et al.	424	480		
	DI	4	8	6	1	5	9	8	08/29/89	Oshlack	424	468		
	DJ	4	8	4	4	9	0	9	07/04/89	Goldie	424	480		
	DK	5	2	6	6	3	3	1	11/30/93	Oshlack, et al.	424	468		
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	DL	2	1	7	0	1	0	4	07/30/86	United Kingdom (A)	A61K	9/58		
	DM	WO	94	2	2	4	3	1	10/13/94	PCT (A1)	A61K	9/20		
	DN	WO	96	0	0	0	6	6	01/04/96	PCT (A1)	A61K	31/485		
	DO	WO	96	0	1	6	2	9	01/25/96	PCT (A1)	A61K	31/485		
	DP	WO	94	0	5	2	6	2	03/17/94	PCT (A1)	A61K	9/16		
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)														
	DQ	A Protocol for a clinical study entitled "A Randomized, Double-Blind, Parallel-Group Study comparing the Efficacy and Safety of Kapanol® to MS Contin® in the Management of Patients with Moderate to Severe Cancer Pain" ("the Protocol"). The date of the Protocol is indicated as February 10, 1992 and it bears COD No. 14556. The sponsor of the study is indicated to be Faulding Pharmaceuticals, and Australian company.												
	DR	Certain Patients Diary Cards, Drug Disposition Records, Case Reports Forms and listing which apparently correlates patient randomization number with the treatment of dosing regimen assigned to each patient. (2003)												
	DS	Patient consent forms, apparently for four study participants. (2003)												
EXAMINER /Humera Sheikh/										DATE CONSIDERED 11/10/2008				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>														

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LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)						APPLICANT(S): Benjamin OSHLACK, et al.								
						FILING DATE: October 30, 2001		GROUP: 1615						
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*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	EA	4	8	3	4	9	8	5	05/30/89	Elger, et al.	424	488		
	EB	5	0	7	1	6	4	6	12/10/91	Malkowska, et al.	424	497		
	EC	5	2	0	2	1	2	8	04/13/93	Morella, et al.	424	469		
	ED	5	1	7	8	8	6	8	01/12/93	Malmqvist, et al.	424	490		
	EE	5	1	3	3	9	7	4	07/28/92	Paradissis, et al.	424	480		
	EF	4	6	0	0	6	4	5	07/15/86	Ghebre-Sellassie, et al.	428	403		
	EG	4	7	0	8	8	7	4	11/24/87	De Haan, et al.	424	470		
	EH	5	0	2	4	8	4	2	06/18/91	Edgren, et al.	424	473		
	EI	5	1	6	9	6	4	5	12/08/92	Shukla, et al.	424	499		
	EJ	5	2	8	3	0	6	5	02/01/94	Doyon, et al.	424	467		
	EK	5	3	2	1	0	1	2	06/14/94	Mayer, et al.	514	25		
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	EL	WO	96	1	4	0	5	8	05/17/96	PCT (A1)	A61K	9/14		
	EM	0	5	3	2	3	4	8	03/17/93	EPO (A2)	A61K	31/35		
	EN	0	6	3	6	3	7	0	02/01/95	EP (B1)	A61K	31/485		
	EO	9	0	4	7	7	3	2	07/12/90	Australia				
	EP	9	3	4	1	6	5	4	02/16/95	Australia				
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)														
	EQ	Investigator agreements between the study organizers and certain of the principal investigators.												
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*EXAMINER INITIAL	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE						
												4 6 0 9 5 4 2	09/02/86	Panoz, et al.	424	19							
												5 2 0 6 0 3 0	04/27/93	Wheatley, et al.	424	490							
												5 2 1 9 5 7 5	06/15/93	Van Bommel, et al.	424	490							
												5 2 4 8 5 1 6	09/28/93	Wheatley, et al.	427	3							
												5 2 5 8 4 3 6	11/20/93	Wheatley, et al.	524	388							
												5 3 8 4 1 3 0	01/24/95	Kamada	424	461							
												5 6 3 7 3 2 0	06/10/97	Bourke, et al.	424	489							
												5 2 8 6 4 9 3	02/15/94	Oshlack, et al.	424	468							
												5 0 0 7 7 9 0	04/16/91	Shell	424	451							
												5 3 3 0 7 6 6	07/19/94	Morella, et al.	424	490							
												5 6 8 1 5 8 5	10/28/97	Oshlack, et al.	424	494							
FOREIGN PATENT DOCUMENTS																							
												DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION					
																		YES	NO				
												0 2 7 1 1 9 3	06/15/88	EPO (B1)	A61K	31/485							
												0 0 9 7 5 2 3	01/04/84	EPO (A2)	A61K	9/26							
												WO 93 1 0 7 6 5	06/10/93	PCT	A61K	9/22							
												0 3 7 7 5 1 8	07/11/90	EPO (A2)	A61K	9/52							
												WO 94 0 3 1 6 1	02/17/94	PCT	A61K	9/52							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)																							
	FQ	Abstracts from the Twelfth Annual Congress of the Oncology Nursing Society, May 1987, In Clinical Nursing Forum Supplement Vol. 14 (2), p112, 1987.																					
	FR	J. Lapin et al., "Cancer Pain Management with a Controlled Release Oral Morphine Preparation," <u>Pain and Symptom Manag.</u> , Vol. 4 (3), pp.146-151, 1989.																					
	FS	J. Lapin et al., "Guidelines for Use of Controlled Release Oral Morphine in Cancer Pain Management," <u>Cancer Nursing</u> , Vol. 12 (4), pp. 202-208, (1989).																					
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	4	1	9	1			
	7	4	5	0			
	8	3	8	3			
	5	3	4	2			
	7	2	5	6			
	7	2	9	1			
	12/26/95	11/07/00	09/28/99	08/15/00			
	Sackler, et al.	Sackler, et al.	Chasin, et al.	Chasin, et al.			
	424	424	424	424			
	489	459	490	459			
FOREIGN PATENT DOCUMENTS							
GH	GI	GJ	GK	GL	GM	GN	GO
0	WO	0	0	0	2		
3	94	3	3	6	0		
7	0	7	2	3	8		
7	0	7	7	6	2		
5	1	5	2	3	5		
1	6	1	9	7	7		
8	0	8	5	0	3		
11/07/90	02/17/94	11/07/90	08/09/89	02/01/95	11/10/92		
EPO (A3)	PCT	EPO (A2)	EPO (A2)	EPO (A1)	Canada		
A61K	A61K	A61K	A61K	A61K	A61K		
9/52	9/32	9/52	9/52	31/485	047/38		
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
GN	R.K. Kaiko, "The Pre-and Postoperative Use of Controlled-Release Morphine (MS Contin Tablets): A Review of the Published Literature," Medical Department, The Purdue Frederick Company, Royal Society of Medical Services, International Congress, Symposium Services, No. 149, pp. 147-160 (1989).						
GO	H.F. Slowey et al., "Effect of Premedication with Controlled-Release Oral Morphine on Postoperative Pain," Anaesthesia, 1985, Vol. 40, pp. 438-40.						
GP	MS Contin - Frequency of Daily Dosing, January - November 1990						
GQ							
GR							
GS							
GT							
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	HA													
	HB													
	HC													
	HD													
	HE													
	HF													
	HG													
	HH													
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER				DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION				
										YES	NO			
	HI	2	1	3	1	3	5	0	01/09/94	Canada (A1)	A61K	031/135		
	HJ	0	1	0	8	2	1	8	05/16/84	EPO (A2)	A61K	9/22		
	HK	0	1	4	7	7	8	0	07/10/85	EPO (A2)	A61K	9/32		
	HL													
	HM													
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)														
	HN	R.K. Portenoy, et al., "A Randomized, Double-Blind, Double-Dummy, Crossover Study Comparing the Pharmacokinetics and Pharmacodynamics of Kapanol® Capsules Given Every 24 hours and Every 12 hours with MS Contin® Tablets Given Every 12 Hours in the Management of Patients with Moderate to Severe Chronic Pain" Memorial Hospital IRB Protocol pp. 379-381 (1993)												
	HO	7 th World Congress on Pain, Abstracts 997-1001, August 26, 1993.												
	HP	Advertisement: Roxanol SR., 1988 Roxane Labs, Inc.												
	HQ	T. Hunt and R. Kaiko, Comparison of the Pharmacokinetic Profiles of Two Oral Controlled-Release Morphine Formulation in Healthy Young Adults, Clin. Ther., Vol. 13, No. 4, pages 482-488, 1991												
	HR	S. Bloomfield, et al. Analgesic Efficacy and Potency of Two Oral Controlled-Release Morphine Preparations Clin. Pharmacol. Ther., Vol. 53, No.4, pages 469-478, 1993												
	HS	Advertisement: MS Contin 1986, 1987 The Purdue Frederick Company.												
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	IA	4	9	3	5	2	4	6	06/19/90	Ahrens	424	490							
	IB	2	7	3	8	3	0	3	03/13/56	Blythe	167	82							
	IC	5	0	7	6	5	6	0	06/25/91	Makino, et al.	424	494							
	ID	5	1	3	2	1	4	2	07/21/92	Jones, et al.	427	196							
	IE	3	9	1	6	8	8	9	11/04/75	Russell	128	145.8							
	IF	4	0	8	8	8	6	4	05/09/78	Theeuwes, et al.	219	121 LM							
	IG	4	0	6	3	0	6	4	12/13/77	Saunders, et al.	219	121 L							
	IH	4	1	3	2	7	5	3	01/02/79	Blichare, et al.	264	25							
	II	4	4	2	1	7	3	6	12/20/83	Walters	424	19							
	IJ	4	8	9	4	2	3	4	01/16/90	Sharma, et al.	424	440							
	IK	5	0	2	3	0	8	9	06/11/91	Sakamoto, et al.	424	502							
FOREIGN PATENT DOCUMENTS																			
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION						
													YES	NO					
	IL	WO	93	0	7	8	6	1	04/29/93	PCT (A1)	A61K	9/50							
	IM	WO	92	0	2	2	0	9	02/20/92	PCT (A1)	A61K	9/22	(Abstract)						
	IN	WO	93	0	7	8	5	9	04/29/93	PCT (A1)	A61K	9/16							
	IO	0	2	6	7	7	0	2	05/18/88	EPO (A3)	A61K	9/14							
	IP	0	3	6	1	6	8	0	04/04/90	EPO (B1)	A61K	9/46							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)																			
	IQ	Sustained Release Medications, Noyes Data Corp., pages 3,4,10-15, 96-99, 335-337 (1980).																	
	IR	Flanders, P., et al. "The Control of Drug Release From Conventional Melt Granulation Matrices," <u>Drug Development and Industrial Pharmacy</u> , Vol. 13, No. 6, pp. 1001-1022 (1987).																	
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JA	5 0 3 0 4 0 0	07/09/91	Danielsen, et al.	264	101			
JB	5 1 2 6 1 4 5	06/30/92	Evenstad, et al.	424	465			
JC	5 1 9 6 2 0 3	03/23/93	Boehm	424	469			
JD	5 2 9 2 4 6 1	03/08/94	Juch, et al.	264	37			
JE	5 1 6 7 9 6 4	12/01/92	Muhammed, et al.	424	482			
JF	4 4 4 3 4 2 8	04/17/84	Oshlack, et al.	424	22			
JG	5 6 1 4 2 1 8	03/25/97	Olsson, et al.	424	456			
JH	5 6 2 9 0 1 1	05/13/97	Illum	424	434			
JI	4 4 6 4 3 7 8	08/07/84	Hussain	424	260			
JJ	5 5 0 2 0 5 8	03/26/96	Mayer, et al.	514	289			
FOREIGN PATENT DOCUMENTS								
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
						YES	NO	
JK	0 3 6 1 9 1 0	04/04/90	EPO (A1)	A61K	9/16			
JL	0 3 7 7 5 1 7	07/11/90	EPO (A2)	A61K	31/52			
JM	0 4 3 0 2 8 7	06/05/91	EPO (B1)	A61K	9/54			
JN	0 4 5 2 1 4 5	10/16/91	EPO (A2)	A61K	9/14			
JO	0 5 5 3 3 9 2	08/04/93	EPO (A1)	A61K	9/50			
JP	0 5 3 3 2 9 7	03/24/93	EPO (A1)	A61K	9/16			
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
JQ	McTaggart, Celia M., et al., "The evaluation of formulation and processing conditions of a melt granulation process," International Journal of Pharmaceutics, Vol. 19, pp. 139-148 (1984)							
JR	Schaefer, T., et al., "Melt granulation in a laboratory scale high shear mixer," <u>Drug Development and Industrial Pharmacy</u> , Vol. 16, No. 8, pp. 1249-1277 (1990)							
JS	Thomsen, L. Juul, et al., "Prolonged Release Matrix Pellets Prepared by Melt Pelletization I. Process Variables," <u>Drug Development and Industrial Pharmacy</u> , Vol. 19, No. 15, pp. 1867-1887 (1993)							
JT	Thomsen, L. Juul, "Prolonged Release Matrix Pellets prepared by Melt Pelletization II. Hydrophobic Substances as Melttable Binders Vol. 20, No. 77, pp.1179-1197 (1994)							
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	KA													
	KB													
	KC													
	KD													
	KE													
	KF													
	KG													
	KH													
	KI													
	KJ													
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	KK	0	6	0	9	9	6	1	08/10/94	EPO (A1)	A61K	31/485		
	KL	0	6	3	6	3	7	0	02/01/95	EPO (A1)	A61K	31/485		
	KM	2	0	5	3	6	8	1	02/11/81	Great Britain (B)	A61K	9/22		
	KN	WO	92	0	8	4	5	9	05/29/92	PCT (A1)	A61K	31/485		
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)														
	KO	Thomsen, L. Juul, "Utilizing melt pelletization technique for the preparation of prolonged release products," <u>Pelletization</u> , (material elaborated by assistant prof. Lars Juul Thomsen, Department of Pharmaceutics, Royal Danish School of Pharmacy for the D.E. course "Pelletization Technolohg," November 1992, 106 pages plus 3 appendices												
	KP	Thomsen, L. Juul, "Prolonged Release Matrix Pellets Prepared by Melt Pelletization. Part IV: Drug Particles Size, and Binder Composition," : <u>Pharmaceutical Technology Europa</u> , pp. 19-24 (October 1994)												
	KQ	Maccarrone C. et al.; "Single Dose Pharmacokinetics of Kapanol™, a New Oral Sustained-Release Morphine Formulation; <u>Clinical Drug Investigation 1994:7 (5) 262-274</u>												
	KR	West R. J., et al., "Single dose pharmacokinetics of a new oral sustained release morphine formulation, Kapanol™ capsules," (Abstract 997) International Association for the Study of Pain, 7 th World Congress on Pain. Paris, August 22-27, 1993 (Data on file, Glaxo Australia, F.H. Faulding)												
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	LA														
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	LF														
	LG														
	LH														
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		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
												YES	NO		
	LI	04	0	8	1	0	8	6	04/02/92	Japan	A61K	9/10	X		
	LJ														
	LK														
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)															
	LL	Gourlay GK, et al., "A comparison of Kapanol™ (A new sustained release morphine formulation), MST Continus® and morphine solution in cancer patients: pharmacokinetics aspects." (Abstract 998) International Association for the Study of Pain, 7 th World Congress on Pain Paris, August 22-27, 1993 (Data on file, Glaxo Australia, F.H. Faulding)													
	LM	Cherry DA, et al., "A comparison of Kapanol™ (a new sustained release morphine formulation), MST Continus® and morphine solution in cancer patients: Morphine metabolite profiles and renal function." (Abstract 999) International Association for the Study of Pain, 7 th World Congress on Pain, Paris August 22-27, 1993 (Data on file, Glaxo Australia, F.H. Faulding)													
	LN	Plummer JL, et al., "A comparison of Kapanol™ (a new sustained release morphine formulation) MST Continus® and morphine solution in cancer patients: pharmacodynamic aspects." (Abstract 1000) International Association for the Study of Pain, 7 th World Congress on Pain, Paris, August 22-27, 1993 (Data on file, Glaxo Australia, F.H. Faulding)													
	LO	Toner G, Cramond T, Bishop, et al., "Randomized double blind, phase III crossover study of a new sustained-release oral morphine formulation, Kapanol™ capsules", (Abstract 1001) International Association for the Study on Pain, Paris, August 22-27, 1993 (Data on file, Glaxo Australia, F.H. Faulding)													
	LP	Cherry DA, et al., "Once A Day (i.e. 24 Hourly) Kapanol™, A New Sustained Release Morphine Formulation, in the Treatment of Cancer Pain: Morphine Metabolite Profiles"; European Journal of Cancer; Part A General Topics 1995; 31 (S5) Suppl:S184 Abs 884, European Conference on Clinical Oncology and Cancer Nursing, Paris, 29 Oct-2 Nov 1995.													
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MA	5 8 4 3 4 8 0	12/01/98	Miller, et al.	424	484				
MB	5 8 4 9 2 4 0	12/15/98	Miller, et al.	264	460				
MC	5 8 7 9 7 0 5	03/09/99	Heafield, et al.	424	464				
MD	5 8 9 1 4 7 1	04/06/99	Miller, et al.	424	468				
ME	5 9 6 5 1 6 3	10/12/99	Miller, et al.	424	468				
MF	5 9 6 8 5 5 1	10/19/99	Oshlack, et al.	424	456				
MG	5 1 3 3 9 7 4	07/28/92	Paradissis, et al.	424	480				
MH	5 2 6 6 3 3 1	11/30/93	Oshlack, et al.	424	468				
MI	5 6 5 6 2 9 5	08/12/97	Oshlack, et al.	424	468				
MJ	5 6 7 0 1 7 2	09/23/97	Buxton, et al.	424	495				
MK	5 6 7 2 3 6 0	09/30/97	Sackler, et al.	424	490				
ML	5 6 8 1 5 8 5	10/28/97	Oshlack, et al.	424	494				
MM	4 8 4 4 9 0 9	07/04/89	Goldie, et al.	424	480				
FOREIGN PATENT DOCUMENTS									
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION				
					YES	NO			
MN									
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
MO	Gourlay, et al., "Once A Day (i.e. 24 Hourly) Kapanol™, A New Sustained Release Morphine Formulation, In The Treatment of Cancer Pain: Pharmacokinetic Aspects", European Journal of Cancer; Part A General Topics 1995:31 (S5) Suppl: S187 Abs 897, European Conference on Clinical Oncology and Cancer Nursing, Paris, 29 Oct-2 Nov 1995								
MP	Broomhead, et al. "Kadian™/Kapanol™-A Once Daily Morphine Formulation" European Journal of Cancer; Part A General Topics 1995:31 (S5) Suppl: S182 Abs 873, European Conference on Clinical Oncology and Cancer Nursing, Paris, 29 Oct-2 Nov 1995								
MQ	Gourlay et al., Proceedings of the 7 th World Congress on Pain; A comparison of Kapanol (a New Sustained-Release Morphine Formulation), MST Continus, and Morphine Solution in Cancer Patients: Pharmacokinetic Aspects of Morphine and Morphine Metabolites Progress in Pain Research and Management Volume 2 pp 631-643 (1993)								
MR	Kaiko R.F., "Clinical Protocol and Role of Controlled Release Morphine in the Surgical Patient," <u>Anesthesiology and Pain Management</u> 1991 pp 193-212								
MS	MS Contin - Frequency of Daily Dosing (NDTI) - June, 1991 - May, 1992								
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	ND														
FOREIGN PATENT DOCUMENTS															
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
														YES	NO
	NE	0	5	3	2	3	4	8	03/17/93	EP (A3)	C07C	291/04			
	NF	0	5	3	2	3	4	8	03/17/93	EP (B1)	C07C	291/04			
	NG	0	5	3	4	6	2	8	03/31/93	EP (B1)	A61K	31/485			
	NH	0	2	5	3	1	0	4	01/20/88	EPO (B1)	A61K	9/00			
	NI	0	2	3	5	9	8	6	09/09/87	EPO (B1)	A61K	9/16			
	NJ	0	2	3	5	9	8	6	09/09/87	EP (B2)	A61K	9/16			
	NK	0	3	7	7	5	1	8	07/11/90	EPO (A3)	A61K	9/52			
	NL	0	3	8	8	9	5	4	09/26/90	EPO (A3)	A61K	9/14			
	NM	0	3	8	8	9	5	4	09/26/90	EPO (B1)	A61K	9/14			
	NN	0	0	9	7	5	2	3	01/04/84	EPO (B1)	A61K	9/26			
NPHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)															
	NQ														
EXAMINER /Humera Sheikh/										DATE CONSIDERED 11/10/2008					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.															

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /HS/

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO.: 200.1138 US		SERIAL NO.: 10/016,651						
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)						APPLICANT(S): Benjamin OSHLACK, et al.								
						FILING DATE: October 30, 2001		GROUP: 1615						
U.S. PATENT DOCUMENTS														
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	5	8	6	6	1	6	1	02/02/1999	Childers, et al.	424	465		
	AB	6	4	9	1	9	4	5	12/10/2002	Childers, et al.	424	465		
	AC													
	AD													
	AE													
	AF													
	AG													
	AH													
	AI													
	AJ													
	AK													
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	AL													
	AM													
	AN													
	AO													
	AP													
	AQ													
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)														
	AR													
	AS													
	AT													
EXAMINER /Humera Sheikh/										DATE CONSIDERED 11/10/2008				
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